

Concerning the Epidemiology of Typhus in the General
Government, by E. Zimmermann, 11 pp.

UNKNOWN. No Reference Cited.

SLA 57-1623

Sci-Medicine
Mar 58

60,455

Measurement of Pressure Drop in Stagnant Pipes.
by H. Zimmermann

GERMAN. DR. V.D.I., Lectures, Berlin, 1916.
Prüfen und Messen, pp 76-79.

TPA3/MIB T.941

Scientific - Engineering
CTB/DIX

5827

Measurement of Fly Ash in Flue Gases, by E. Zimmerman,
32 pp.

GERMAN, per, Z des Ver Deuts Ing, Vol LXXV, 1931,
pp 481-486.

SLA Tr 879/1955

Sci - Phys

50,127

Jul 57

Zimmerman, L.
ON THE EFFECT OF MAGNESIUM SULPHATE SOLUTION ON MORTAR AND CONCRETE. 20p (6 tables
omitted).

Order from SLA \$1.60

TT-64-18275

Trans. of Zement (Germany) 1924 [v. 13] no. 16, p. 161-
164; no. 17, p. 178-180; no. 18, p. 193-195.

(Materials, TT, v. 12, no. 7)

TT-64-18275

I. Zimmerman, L.

6243

Office of Technical Services

Zimmermann, G.
DEVICE FOR ELECTROMAGNETIC RECORDING.
[911] 7p.
Order from ATS \$15.75 ATS-78N57G

Trans. of German patent 895,063, pat. from
1 (No. 48 onward), appl. opened for public inspection
20 Nov 50, granted 17 Sep 53, pub 29 Oct 53.

DESCRIPTIONS: *Electronic recording systems.
*Magnetic recording systems, Recording systems.

(Engineering--Electronic, TI, v. 7, no. 6)

62-12378

- I. Zimmermann, G.
- II. Patent (Germany) 895 063
- III. ATS-78N57G
- IV. Associated Technical
Services, Inc.,
East Orange, N. J.

197106

Office of Technical Services

Gases Generated in the Reduction of Iron Oxides by
Carbon, by W. Baukloh, G. Zimmermann.

GERMAN, per, Stahl Und Eisen, Vol LIII, 1933.

Brutcher Tr No 112

14,141

Scientific - Min/Metals

\$1.75

On the Technical Equipment of Agriculture
in the GDR, by G. Zimmermann, 8 pp.
GDR, per, Deutsche Landwirtschaft, no 12,
Dec 1964, pp 566-567.
JPRS 20506

p18.

East-Germany
Lening
Mar 65

275,876

Short-Wave Radiation From the Milky Way, by Gunther
Zimmermann, 4 pp. UNCLASSIFIED

Full translation.

GERMAN, no per, Das Elektron, Vol. I, No 3, Mar 1947,
pp 104-107.

Navy Tr 673/NRL 410

ECur - Germany

Scientific - Electronics, short wave radiation,
milky way

Nov 52 CTS/MSX

A13499

H. Zimmermann

The Interstellar Radiation Field
at Various Points in the Galactic
System, by H. Zimmermann.

GERMAN, per, Astronomische Nachrichten,
Vol 288, 1964, pp 99-104

NTC 72-11752-03B

NSA TTF-11,909

June 72

1, 1'-Bis-Pyrrolys, 1,1'-Bis-Imidazyls and Their
Dissociation Into Radicals, by H. Zimmermann,
J. Baumgartel, P. Bakke. FOR OFFICIAL USE ONLY

GERMAN, per, Angewandte Chemie, Vol LXXIII, 1961,
p 808.

Navy Tr 3082/APL T-274

Sci - Chem

Apr 62

190, 397

Investigations on the Carbohydrate and Fat
Metabolism in Physical Labor. II. Chemical
Changes in Work Without Prior Ingestion of
Food, by H. Kraut, H. Zimmermann, A. Böhm,
W. Koller, 19 pp.

GERMAN, Pp., Internat z Physiol., Vol XVI,
1957, pp 421-433.

WIN 5-5

Sci - Med
Jan 59

88, 242

Zimmermann, Heinz.
CHEMICAL INVESTIGATIONS OF FIBER-FORMING
POLYESTERS. I. THERMAL STABILIZATION OF
POLYETHYLENE TEREPHTHALATE. [1963] 10p
(figs tables omitted) 23 refs
Order from SLA \$1.10

TT-63-20983

Trans. of Faserforschung und Textiltechnik (East
Germany) 1962 [v. 13] p. 481-490.

TT-63-20983

I. Zimmermann, H.
II. Title: Thermal...

150592

Office of Technical Services

(Materials--Textiles, TT, v. 11, no. 11)

Physiological Anatomy of the Tracheal System, I.,
by A. Zimmermann.

GERMAN, per. Deutsche Botanische Gesellschaft.

No 11, 1923, pp 401-406.

(CSIRO/No. 7352)

Sci -
Aug 67

I. P. Zimmermann

339.903

(DC-5845)

The Role of Surveying and Mapping in the
Realization of Field Reorganization in East
Germany, by J. Zimmermann, 4 pp.

GERMAN, per, Vermessungstechnik, Vol IX, No 2,
1961, pp 33-34.

JPRS 8644

Sci - Geophya

Jul 61

160, 4/3

k-173/64

17th Congress of R¹ Polish Geodesist, by
J. Zimmerman, *411*

CHIEF, per, Vermessungstechnik, Vol XI
No 10, 1963, pp 390-391.

8
JPRS/NY-9160/SPECIAL

Sci - *63* p 12.

Apr 64

The Conversion of Pyrrole to Pyridine, by M. Dannstedt,
J. Zimmermann, 7 pp.

GERMAN, per, Chemische Berichte, Vol XVII, No 2,
1885, pp 3316-3319, 9806076.

AKC/MP Tr 942.

Sci - Chem

May 63

230,678

62-22898

Zimmermann, J.
TRITERPENES AND PIGMENTS IN FLOWERS AND
FRUITS. I. [1962] 5p.
Order from K-H \$8.25 K-H 3658

Trans. of Helvetica Chimica Acta (Switzerland) 1950
[v. 37] p. 332-339.

DESCRIPTORS: *Terpenes, *Plant pigments, *Plants,
*Fruits.

I. Zimmermann, J.
II. K-H-3658
III. Kresge, E. J. Science
Library Associates,
Detroit, Mich.

(Agriculture--Plant Cultivation, TT, v. 9, no. 1)

Office of Technical Services

(FDD 26603)

The Introduction of Surveying and Cartography
in the Development of Agricultural Production
Cooperatives, by J. Zimmermann, 19 pp.

GERMAN, no per, Vermessungstechnik, Vol III, No 6,
Berlin, Jun 1955, pp 101-105.

CIA/FDD/U-7722

Esur - Berlin, Germany
Sci - Geophysics, geodesy
Econ
Geo

31,844

52
Mixed Anhydrides from Carboxymagnesium Acids
and Chloroacetic Acid for the Esterification
of Aromatic and Aliphatic Hydroxyl Compounds,
by M. Brenner, J. P. Zimmmerman.
German, Monatsh. Chem., Vol 40,
No 3, 1957, pp 504-510.
RUC-49-16122-07C

J. P. Zimmerman
Sci-Chem
Feb 70

403,015

Bacterial Synthesis in the Caecum and Corpophagy
in the Rabbit, by A. Scheunert, K. Zimmermann,
11 p.

Full translation.

(BERLIN, per, Archiv für Tierernährung, Vol II, No 4,
Jan-Feb 1952, pp 217-222.

CIA/FDD/X-793

Scientific - Biology

May 53 CTS

1882

Creep Stresses and Other Problems of the
Long-Rail Track, by K. Zimmermann.

GERMAN, per, Deut Eisenbahn, 1955, pp
129-134.

INSDOC 72058

Sci

Aug 58

72,394

Central European House Mice, by K. Zimmermann,
GERMAN, per, 1901 Jahrb (8wt), Vol LXXVIII,
1909, pp 301-322.
NEW NIE 5-23-67

63
93

Sci-Tech
Jun 67

329,05A

The Detailed Structure of the Blood Capillaries, by
K. W. Zimmermann, 5 pp.

Zeit fuer Anat und
GERMAN, per, Entwicklungsgeschichte, Vol. LXVIII,
1923, pp 29-109.

SLA 117/57
WIR 337

33,538

Scientific - Medicine

Investigations on the Carbohydrate and Fat
Metabolism in Physical Labor. I. The Be-
havior of the Respiratory Quotient in Work
Without Previous Ingestion of Food, H by
H. Kraut, H. Zimmermann, M. Bohn, W.
Kellner, 15 pp.

GERMAN, per, Internat z Physiol, Vol XVI,
1957, pp 409-420.

REF 5-4

Sci - Med
JAN 59

88, 241

A. Mechanization of the Works on the Tops of
the Roadway, by Gustav Schmager; B. Method
of Laying Reinforced Concrete Ties, by Kurt
Zimmermann, 34 pp. UNCLASSIFIED

GERMAN, per, Deutsche Eisenbahn Technik,
May 1954, Berlin, pp 163, 174.

19,934

G-2, GSUSA
G-3213

Wkur - Germany
Economic -

Nov 54 OTS

On the Effect of Magnesium Sulphate Solution
on Mortar and Concrete, by L. Zimmerman, 20 pp.
GERMAN, per, Zement, Vol XIII, No 6, 1924,
pp 162-164; No 17, pp 178-180; No 18, 193-195.
CSTI TT-64-18275

Sci - M/M
Jul 66

305,872

Rapid Qualitative Method for Determining Cr, Mo, V,
Mn, Ni, and Cu in Alloy Steels, by M. Zimmermann,
UNCLASSIFIED

GERMAN, per, Mitteilungen VGB, No 79-80, 1940,
pp 111, 112.

Brutcher Tr 3265

Scientific - Minerals/Metals

11,960
Price \$2.40

of 2.
Direct Measurement of the Energy Variation ~~ca-4~~ for
U-233, U-235 and Pu-239 by H. Palevsky, D. J. Hughes,
R. L. Zimmerman, R. M. Eisberg, ~~915~~ 8PP.

RUSSIAN, bino per, Atomnaya Energiya, Vol I, No 4,
1956, pp ~~71-79~~ 71-79

Consultants Bureau

45,195

Sci - Nuclear Physics
Mar 57 CTS

Rapid Quantitative Method for the Determination
of Cr, Mo, Mn, Ni, and Cu in Alloy Steels, by
M. Zimmermann, UNCLASSIFIED

GERMAN, per, Mitteilungen VGB, No 79/80, 1940,
pp 113-116.

Brutcher No 3266

Scientific - Min/Metals

\$4.80

15,471

TT-61-14456

1. Zimmermann, P.

Zimmermann, P.
CONCERNING THE DEPENDENCE OF THE DEPTH
IMPRESSION ON THE DISTINCTNESS OF THE
CONTOURS (Über die Abhängigkeit des Tiefeneindrucks
von der Deutlichkeit der Konturen). [1908] [30p] 27ref.
Order from SLA \$4.60 TT-61-14456

Trans. of Zeitschrift f[ür] Psychologie und
Physiologie der Sinnesorgane. Abt. 1: Zeitschrift
f[ür] Psychologie (Germany) 1917, v. 78, p. 273-316.

55318

Office of Technical Services

(Behavioral Sciences--Psychology. TT, v. 12, no. 3)

Zimmermann, Siegfried.
PROCEDURE FOR PRODUCTION OF DRY CANNED
GOODS FROM RAW MEAT. [1963] 4p.
Order from OTS or SLA \$1.10

63-14934

Trans. of Austrian patent 164,263, cl. 53b, issued
25 Oct 49, registered 14 Oct 45 (21 Feb 44, day of sub-
mission to the German Reich Patent Bureau is consid-
ered as day of registration) pat. from 15 Mar 49.

DESCRIPTORS: *Meat, *Dehydrated foods, Taste,
Water, Heat treatment, Fats, Oils, Production.

(Food, ET, v. 10, no. 4)

63-14934

I. Zimmermann, S.
II. Patent (Austria) 164 263

1644521

Office of Technical Services

76
Production of Plagues by Swine-Influenza
Virus and Other Viruses of the Myxo Group
in Tissue Cultures of Calf-Kidney Cells, by
T. Zimmermann.

GERMAN, per, A. Naturforsch, 1959, pp 213-214.
NIH 8-13-64

Sci
Biol & Med Sci

T. Zimmermann

Zimmermann, W.
THE COLOR REACTION OF SEX HORMONES AND
ITS APPLICATION FOR QUANTITATIVE COLORIME-
TRIC DETERMINATIONS. [23 Mar 42] 7p 15refs.
Order from SLA \$1.10 63-20292

Trans. of Hoppe-Seyler's Zeitschrift für Physiologische
Chemie (Germany) 1933, v. 233 [no. 5/6] p. 257-264.
A partial trans. is available from SLA m\$1.80,
pb\$1.80 as 59-20737, 23 Mar 42, 7p.

DESCRIPTORS: *Hormones, Sex glands, *Colorimetry.

(Biological Sciences--Physiology, TT, v. 10, no. 12)

63-20292

I. Zimmermann, W.

6157

Office of Technical Services

Calotter, a New Economical, Structural Material
of High Bending and Buckling Strength, by W.
Zimmerman. UNCLASSIFIED

GERMAN, per, 2 fuer Wirtschaftliche Fertigung,
No 2, Dec 1956, pp 53-55.

Navy Tr 1651/Buships-639A

Sol - Engr
Mar 58

59,750

SECRET

(NY-2733).

The Calculation of the Cost of Objects in the
Machine Building Industry, by Werner Zimmermann,
5 pp.

GERMAN, per, Fertigungstechnik und Betrieb,
Vol II, No 1, 1959, pp 9, 10.

JPRS-1851-3

Eur - Germany
Econ - Manufacturing
Aug 59

94,658

PROTON OF POLARITY DETERMINATION OF THE
EAT CERN-BALEND STATION, BY WILHELM HINCHMAN,
7 PP.

CERN, REP. DIE KERNSTATT, VOL VII, NO 9, 1963,
PP 294-301.

JUNE 1963

IL-DEPT

1000
DEC 63

594,788

Zimmermann, W.
PROCEDURE FOR THE DETERMINATION OF THE
DEGREE OF POLYMERIZATION AND COPPER
VISCOSITY OF CELLULOSE. (Arbeitsvorschriften
zur Bestimmung des Durchschnittspolymerisations-
grades und der Kupferviskosität von Zellulose). [1961]
[18]p. (foreign text included) 12 refs.
Order from SLA m\$2.40, ph\$3.30

61-14052

Trans. of Meiliand Textilberichte (Germany) 1942,
v. 23, p. 73-77.

(Chemistry--Organic, TT, v. 5, no. 11)

61-14052

1. Cellulose--Viscosity
2. Cellulose--Polymerization
1. Zimmermann, W.

Office of Technical Services

Physical Factors in Accidents, by A. Zimmer, 55
10 pp.
FRENCH, per, Bull de la Santa des Elect., Vol 1(50),
1931, pp 905-910.
NARS/1381

A. Zimmer

Sci/B6
Sept 61

392,227

Brick as an Element of Design, by Gerd Zimmerschied,
190 pp.

GERMAN, bk.

Renouf Pub Co.

Sci - M/M, Engr
Dec 63

The Diurnal Rhythm of Working Efficiency in Man,
by I. G. Vasil'ov, I. P. Zimnitskaya, E. L.
Shlyarchik, E. M. Smirnov, B. G. Filippov,
B. A. Imitov and A. M. Shatalov, 6 pp.

RUSSIAN, PER PER TUDR 8228 2001, L. H. Mashonova,
Vol XLIII, No 9, 1957, pp 817-824.

Pergamon Inst

Sol - 444
Nov 56

76, 111

Phytology of the Woody Plants of Siberia, 35-
by V. Zimin, par. Instytutu Lesu i
Drewna, Akademii Nauk SSSR, Sibirskoe
Odelenie, Vol 10, 1961, 112 p.
USSR IT 66-51074

V. Zimin

1962
Sci/Earth Sci
and 60

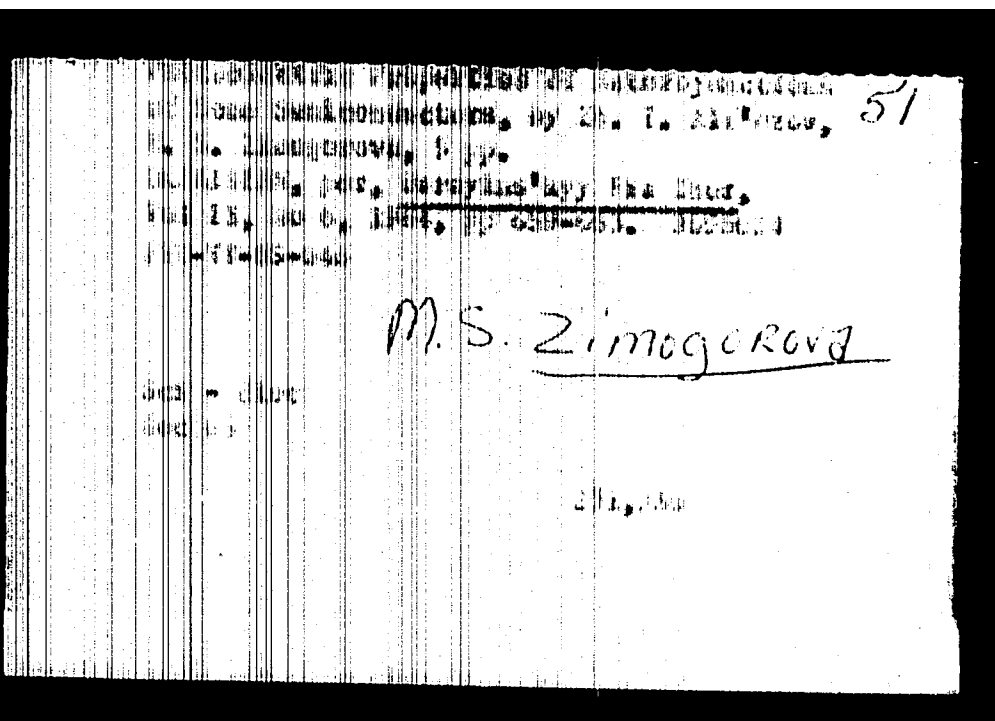
67
Microbiological Characteristic of Soils under
Three Forest Associations in the Carpathian
Foothills, by H. Zimny.

Published, Polia Forestalia Polonica, No 4,
Series A, 1960, pp 10-116.

CISU 11 60-96023

Sci. ar. cl.
Apr 66

352.236



Investigation of Adhesion of Powder to
Plane Surfaces, by L. V. Deryagin, A. D.

Zimen.

RUSSIAN, per, Khimicheskii Zhurnal, Vol 23,

No 5, 1961, pp 544-552.

SLA 12-66-10701

A. D. Zimen

Sci-Comm

Jul 66

105,568

Adhesion of Particles to a Plane Surface.
Adhesion in an Aqueous Medium, by
A. D. Zimon, B. V. Deryagin, 5 pp.

RUSSIAN, per, Kolloidnyi Zhur, Vol XXV, No 2,
Mar, Apr, 1963, pp 159-164.

CB

Sci
Aug 64

264,585

The Birth and Development of Soviet Military
Medicine during the Years of the Military
Intervention and Civil War, by S. A. Semelka,
L. N. Zimont

RUSSIAN, no per, Voenno Med Zhur, No 12,
Moscow, Dec 1960, pp 72-78

US JPRS 7995

Sci
Mar 61

143,556

Present State of the Problem of Therapy for
Patients With Laryngeal Cancer, by D. I.
Zimont.

RUSSELL, p. 11, Vest Oto-rhino-laryngol, Vol
XVII, Moscow, Nov-Dec 1955, pp 3-12.

NIR 132

Sci - Med

Exp 98

73, 279

Springling-Runoff Unit, by I. I. Zinovits,

RUSSIAN, *geogr.*, Mat. 1 (Hd), No 1, 1959,
pp 54-57. 6099503

ONS 60-51629
PL-480

193, 459

Sci - Ingr

May 62

Birth and Development of Soviet Military
Medicine During the Years of the Civil
War and Military Intervention, by S. A.
Semeka and L. N. Zimont

RUSSIAN, no per, Voyenno Med Zhur, No 1,
Moscow, Jan 1961, pp 79-85

US JPRS 9169

Sci

150,314

New Concept in the Teaching of Russian and the
Problem of Textbooks, by V. Bartonova,
J. Kizova, 8 pp. GOVERNMENT USE ONLY

OZBKH, par, Vysshe Shkola, Vol I, No 12,
1961-1962, pp 377-381.

JPRS 16183

EBur - Czechoslovakia
Sec
Nov 62

217,576

Iodine Content in the Soils of the Amur Basin,
by B. A. Zimovets, A. I. Zelenova, 9 pp.
RUSSIAN, per, Pochvovedeniye, No 11, 1963, pp
25-34.

Scripta Technica

Sci
Oct 64

268,190

Soils and Soil-Formation Processes in the
Upper and Central Amur Bottom Land, by
V. A. Kavia, B. B. A. Zimovets, N. G. Zyrin,
12 pp.

RUSSIAN, per, Pochvovedeniye, No 11, 1960,
pp 10-23.

AIES

Sci
Mar 62

183,859

Hydrogenic Accumulation of Silica Compounds and
Sesquioxides in Soils of the Amur Foreland, by
V. A. Kovda, B. A. Zimovets, A. G. Anochislavskaya.
9 pp.

RUSSIAN, Izv. Pochvovedeniye, No 5, 1958, pp 1-11.

AIBS

Sci -
Jan 61

137,169

Characteristics of the Orthoeluvial Accumulation
and Redistribution of Iron During Brown Earth
(Burozem) Formation in the Amur Region, by
B. A. Timovetz, 6 pp.

RUSSIAN, Izper, Pochvovedeniye, No 7, 1962,
pp 89-95.

Scripta Technica

Sci.

Jan 64

249,163

Adjusting Trigonometric Nets by the Three Group
Method, by V. E. Zimovnov, 34 pp.

RUSSIAN, par, Geodexist, No 10, 1937, pp 9-32.

JPRS: B-115-R/51

Sci - Eng

Feb 61

139,485

Zimovnov, V. N.
RIGOROUS ADJUSTMENT OF NETWORKS IN PRECISION TRANSIT TRAVERSE SURVEYING. Trans. of Soviet Geodesy 1936 (4), 7 Apr 61 [25].
JPRS: K-116-N/21
Order from ILC of SLA m\$2.70, ph\$4.00 61-19424

Trans. of Geodesy (USSR) 1936 [v. 14] no. 6.
p. 20-37.

(Unannounced)

61-19424

- I. Geodesics--Theory
1. Zimovnov, V. N.
- II. Title Soviet ...
- III. IPLS-R 116-N/21
- IV. Joint Publications Research Service, New York

Office of Technical Services

The Clinical Picture and Neurodynamics of the
Involutional Psychosis as Correlated With
Therapeutical Procedures, by L. I. Zimukova, 14 pp.

RUSSIAN, *Voprosy Psikhiiatrii i Nevropatologii*,
No 4, 1958.

OTS 60-21174
PL-480

Sci - Med

Apr 62

FBI 211

OF 15/60

(DC-3731).

The Unalterable Friendship Between the USSR
and the Chinese People's Republic, by M. Zimyanin,
15 pp.

RUSSIAN, per, Kommunist, No 3, 1960, pp 63-73.

JPRS 3315

USSR

Pol - Communist Party Affairs

Jun 60

117,286

Investigations in the Thiazole Series. V.
Synthesis of 2- δ -Amino-n-butyl-4-N-diethylamino-
methylthiazole, by Ch'ih Yueh-fon, Zin Shih-yung,
3 pp.

RUSSIAN, per, Zhur Oshchei Khim, Vol XXVIII,,
No 6, 1958, pp 1492-1495.

Consultants Bureau

Sci - Chem
Sep 59

95,763

Use of Biogenic Stimulators During Fattening of Large
Cattle, by A. Zinchenko.

RUSSIAN, per, Myasnaya Industriya SSSR, Vol XXVII, No 1,
Moscow, 1956, pp 53-56. CIA D 9015321

USDA

Sci - Biol.

Jan 58

57.487

A DEVICE FOR MEASURING THE MAGNETIC
FIELD OF A CURRENT, BY E. A. BARNETT, A. R. LINDEN, AND
ET AL., 6 PP.

PHYSICAL REV. LETTERS, 1, 100, 1958, PP. 100-101.

JUN 1958

SCI-MISC
JUN 63

229,970

Biocurrents of Muscles in Myotonia, by A. P.
Zinchenko, ~~17 pp~~ 10 pp.

RUSSIAN, in, Voprosy Psikhatrii i Nevropatologii,
No 3, 1958.

OTS 60-21173
PL-430

Sci - Med

Apr 62

PST 210

From: Chernobyl in Chernobyl Chernobyl
of Chernobyl Chernobyl, by A. G. Chernobyl,
A. P. Chernobyl, of Chernobyl.
From: Chernobyl, Chernobyl Chernobyl,
Vol. XIV, No. 1, 1963, pp. 37-44.
Ref. TT-14-19/15

A.P. Zinchenko

Jan 67

197, 197

Diagnosis and Medical Board Evaluation
of Myotonias, by A. P. Zinchenko

RUSSIAN, no per, Voenno Med Zhur, No 9,
Moscow, Sep 1959, pp 76-78

US JPRS 2061-N

Sci

102,985

DYNAMIC LOAD STRENGTH IN FLIED-UP SYSTEMS:
DEPENDENCE ON THE TYPE OF BUTADIENE-STYRENE
POLYMER AND THE MECHANICAL PROPERTIES OF THE
RUBBER, BY G. M. BAIKO, N. P. KIMCHENKO, & CO.

RUSSIAN, per, Kautchuk i Rezina, Vol. XIX, No 4,
1960, pp 27-38.

See Index of British Rubber Manu

Sci

Dec 60

135, 264

A METHOD FOR ION FOCUSING OF AN ELECTRON STREAM IN
A HIGH VACUUM, BY N. S. ZINCHENKO, A. P. MOTORENKO,
3 PP.

RUSSIAN, PATENT NO 139001 (668747/26) 2 JUN 1960.
9678394

FTD-TT-62-966

SCI - ELECTRON
12 OCT 62

212,808

(NY-5230)

Reflection of Radio Waves in the Millimeter Range
on a Snow Layer, by N. S. Zinchenko, A. Ya. Usikov,
pp.

SSIAN, per, Iz Vysshikh Ucheb Zaved, MVO, Radiofiz,
1 III, No 4, 1960.

JPRS 7374

154,273

y 61

Distribution of Potential in a Tubular Electron
Bundle of Finite Length, by N. S. Zinchenko,
V. M. Sordukina, 3 pp.

RUSSIAN, per. Zhur Tekh Fiz, Vol XXXI, No 1,
1961, pp 1073-1076.

AIP
Sov Phys-Tech Phys
Vol VI, No 2

Sci
11 Jan 62

199,051

(NY-6499)

Calculation of Magnetic Focussing for
an Electron Beam in a Retarding Electro-
static Field, by N. S. Zinchenko, 3 pp.

RUSSIAN, per, iz Vysshikh Ucheb Zaved -
Seriya Radiotekhnika, Vol IV, No 4, 1961.

JPRS 13833

190,433

Sci

Apr 62

(NY-5231/RT1)

An Experimental Study of the Passage of
Electron Beam Through a Magnetic Undulator,
by N. S. Zinchenko, I. K. Ovchinnikov, 8 pp.

RUSSIAN, per, Iz Vyschikh Ucheb Zaved, MVO
SSSR, Radiotekh, Vol III, No 1, 1960,
pp 69-76.

JPRS 7378

Sci

146, 846

Apr 61

Formulation of the Problem of Immediate Memory,
by P. I. Pinchuk and G. V. Epkina, 12 pp
RUSKIAN, Per, Neurology, Vol 10, No 6,
Nov-Dec 1964, pp 5-12
JPRS 20655

USCIB
Sci-B/M
Apr 65

279,033

Training the Memory of Young Schoolchildren, by P. I.
Zinchenko, 6 pp.

RUSSIAN, per, Nachal'naya Shkola, No 8, 1960.

Internat'l Arts & Sci Press
Soviet Education
Vol III, No 5

USSR

Soc - Education

Apr 61

144,891

(DC-3128)

Problems of the Psychology of Memory, by P. I.
Zinchenko, 54 pp.

RUSSIAN, bk, Psikhologicheskaya Nauka v SSSR,
Vol 1, 1959.

JPRS 11466

Sci - Med
144y 68

196, 254

The Calorimetric Determination of Titanium
in Aluminum and Magnesium Using Dimethylpyryl-
methane, by V. A. Zinchenko, S. I. Rodina,
3 pp.

RUSSIAN, per, Zavod Lab, Vol. XXVII, No 8,
1961, pp 956-957.

DEA

Sci

Jun 62

200,475

Noise of Ship's Engines, by V. I. Zischenko.
UNCLASSIFIED

RUSSIAN, bk, Shum Sudovyykh Dvigatelay, publ by
State Union Publication Office of Shipbuilding
Industry, Sudpromiz, 1957.

Navy 2261/ONI 401

Sci - Physics, Engr
Sep 59

96,185

Engineering Psychology, by
A. M. Lomt'yan, V. P. Zinchenko,
712 pp.
MOSKVA, bk. Inzhenernaya Psikhologiya,
1964, 396 pp. 7160071867-V
PIL-ET-66-147

87
V. P. Zinchenko

Oct - Elect & Elec Engr
Mar 67

320,052

THE ESTABLISHMENT AND DEVELOPMENT OF PERCEPTUAL
ACTIVITY, BY V. P. ZINCHENKO, WANG CHIH-CH'ING,
ET AL, 17 PP.

RUSSIAN, PER, VOPROSY PSIKHOLOGII, NO 3, 1962,
PP 3-14.

SCI - MED

JPRS 16404

DEC 62

218,035

(NY-4367)

16

Review of "Ucheniyye Zapiski Instituta
Psikhologii USSR", (Scientific Notes of the
Institute of Psychology of the Ukrainian SSR),
by A. V. Zagorzhets, V. P. Zinchenko, 28 pp.

RUSSIAN, per, Voprosy Psikhologii, No 1, 1960,
pp 165-172.

JPRS 5088

121,519

Sci - Med
Aug 60

Benzene and Toluene Azonaphthols and the Isomeric
Hydrazine Compounds, by Th. Zincke, F. Rathgen,
20 pp.

GERMAN, per, Ber Dtsch Chem Ges, Vol XIX, 1886,
pp 2482-2493.

NIE Tr 9-8

54, 620

Sci - Chemistry

Oct 57

Phonetics, Communications and Information
Theory, by L. R. Zinder. UNCL

RUSSIAN, per, Voprosy Yazykoznaniya, 1957,
No 5, pp 111-116.

DSIR LIU RTS 1009
15.04.

Bcl - Phys
May 59

87, 883

Zinder, L. R., ed.
PROBLEMS OF SPEECH STATISTICS. Foreign De-
 velopments in Machine Translation and Information
 Processing no. 13; Papers presented at a Conference
 on Speech Statistics, Leningrad State U., 1-4 Oct 57.
 12 Jan 61, 1137p. refs. JPRS: 6543.
 Order from OTS \$2.75

61-11792

Trans. of mono. Voprosy Statistiki Rech, Leningrad,
 1958, 148p.

Contents:

The engineering significance of the statistical investi-
 gation of speech, by L. A. Varshavskiy
 The power characteristics and the correlation interval
 of stochastic signals, particularly speech signals,
 by N. A. Zhelezov
 The use of statistical methods to determine the
 phonetic membership of an individual vowel sound,
 (Research Methods, Techniques and Equipment,
 TI, v. 5, no. 8)

(over)

61-11792

1. Machine translations--
Development
2. Speech--Coding
1. Zinder, L. R., ed.
- II. Title: Foreign...
- III. Title: Conference...
- IV. JPRS-6543
- V. Joint Publications Research
Service, Washington,
D. C.

Office of Technical Services

(DC-3901/36)

On Linguistic NNN Probability, by L. R. Zinder,
8 pp.

RUSSIAN, per, Voprosy Yazykoznavaniya, No 2, 1958,
pp 121-125.

JPRS 6445

Sci - Misc

Jan 61

136,102

(DC-3901/37)

Linguistic Probability, by L. R. Zinder, 3 pp.

RUSSIAN, in, Voprosy Statistiki Rechi, 1958,
pp 58-61.

JPRS 6543

Sci - Misc

Feb 61

138,774

(IC-3801/4).

Basic Problems in Applied Linguistics, by N. D.
Andreyev, L. R. Zinder, 23 pp.

RUSSIAN, por, Voprosy Yazykoznanija, No 4, 1959,
pp 3-29.

JPRS-991-D

USSR
Soc - Linguistics
Nov 59

100,532

Convex Images, by K. E. Zindler, 5 pp.

GERMAN, per, Monatshefte fuer Mathematik und
Physik, Vol XXXI, 1921, pp 25-29.

Amer Meteorol Soc
AF Cambridge Res Center

Sci - Geophysics

Jan 60

106,244

61-25646

Zindler, W. and Kenpski, W. von
PROCESSES FOR PRODUCTION PHOTOGRAPHIC
IMAGES AND MEANS FOR ACCOMPLISHING IT.

[1961] 4p

Order from ATS \$7.25

ATS-84N55G

Trans. of German printed patent application 1,003,578.
by Lumoprint-Zindler, K. G., filed 4 Sep 52, pub.
28 Feb 57.

DESCRIPTORS: *Pictures, *Photography, Optical
Images, Photographic equipment.

- I. Zindler, W.
- II. Kenpski, W. von
- III. ATS-84N55G
- IV. Patent (Germany)
1 003 578
- V. Associated Technical
Services, Inc.,
East Orange, N. J.

Office of Technical Services

(Quarterly--Photographic, FI, v. 6, no. 11)

Direct Evaporation of Alloys, by C. Minomoto, 14 pp.
FOR OFFICIAL USE ONLY
GENERAL, per, Vacuum-Deposition, Vol XIII, No 8, 1964,
pp 223-240. 9407171
FST: DSE-TOM-229

Sci - 11049
Jun 65

182,274